

SINGLE BAND PANEL ANTENNA BROADBAND 1710 – 2170 MHz

MGV3-400TX

1710 - 2170		
1710-1880	1850-1990	1920-2170
H67° V16°	H65° V15.5°	H63° V14.2°
Fixed Tilt 0°, 2°, 4°, 6°	Fixed Tilt 0°, 2°, 4°, 6°	Fixed Tilt 0°, 2°, 4°, 6°

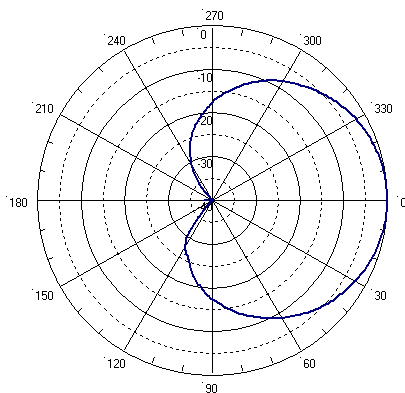
ELECTRICAL SPECIFICATIONS

BROADBAND 1710-2170 MHz

Antenna Model	MGV3-400TX		
Polarization	Vertical		
Frequency	1710-2170		
	1710 - 1880	1850 - 1990	1920 - 2170
Horizontal Beamwidth	67°	65°	63°
Vertical Beamwidth	16°	15.5°	14.2°
Gain (dBi)	14.7	15	15
Vertical Electrical Tilt	FIXED 0°, 2°, 4°, 6°	FIXED 0°, 2°, 4°, 6°	FIXED 0°, 2°, 4°, 6°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	15	15	16
Front-to-Back Ratio @ 180° ± 20° (dB)	> 27	> 27	> 27
VSWR	< 1.4 : 1	< 1.4 : 1	< 1.4 : 1
Maximum Power Per Input (W)	250		
Intermodulation (dBc)	< - 150		
Impedance (Ω)	50		

MECHANICAL SPECIFICATIONS

Connectors	1 X 7/16 Female	
Connector Position	Bottom	
Survival Wind Speed km/h (mph)	200 (125)	
Front Windload N @ 160 km/h (lbs @ 100 mph)	155 (35)	
Lateral Windload N @ 160 km/h (lbs @ 100 mph)	75 (17)	
Radome Color	Grey, paintable	
Humidity	100%	
Antenna Weight kg (lbs)	4 (9)	
Antenna Dimension mm (in) H X W X D	690 X 160 X 90 (27 X 6 X 4)	



H&V Pattern

